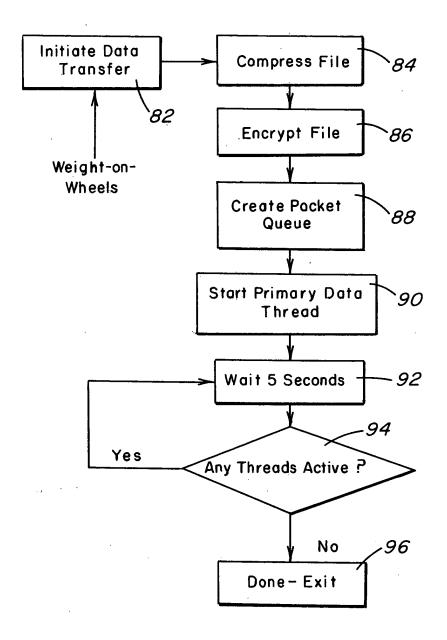
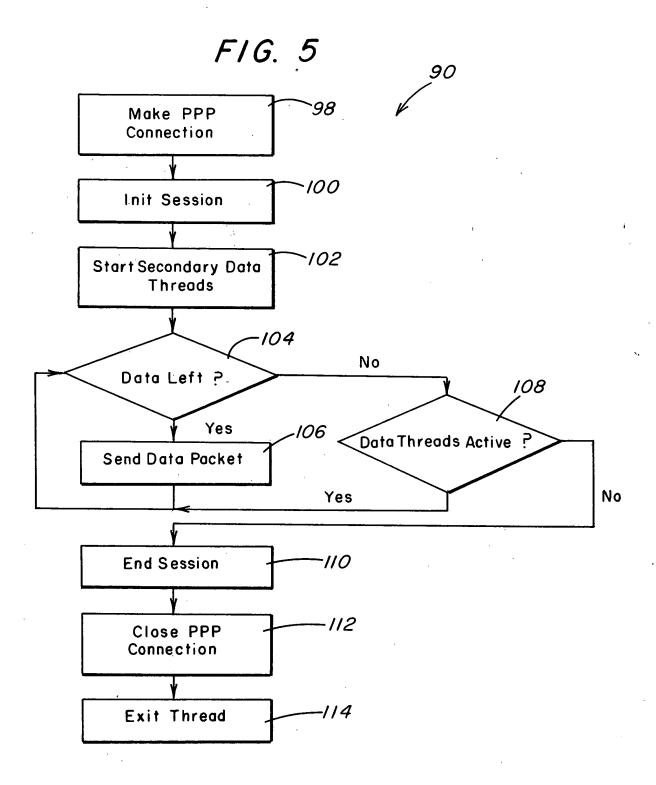


Cellular Infrastructure Base Station Transceiver Subsystem 40 42 Base Station Controller Internet 38 Communications Unit 50 Local Router Aircraft 34 Multi-Serial Card F16. 2 Local Network -55 Weight-on-Wheels Gatelink Processor 48 ,50 81 30 **AVIONICS** Processor 2 Gatelink Flight Operations Center Data Acquistion Unit 8 80 **DZ**-Processor **-О**ФФОШ DFDAU 25 Data Analysis Applins. 9 52 54 σ σ σ σ σ σ 24

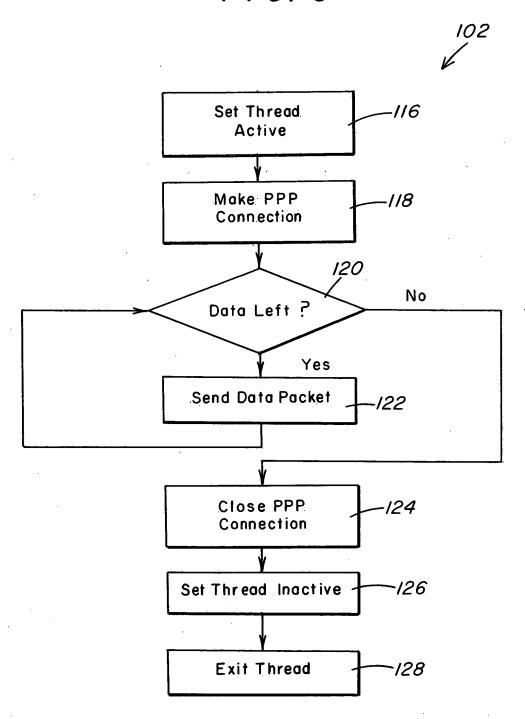
1/8 45 internet 46 Infrastructure Back bone Internet Local Router Cel 64 99 Interface Interface Data Link Data Link Interface Channels Network 32 Ce Multi-Port Serial Card Local РРР: РРР: <u>20</u> 00 62 36, **Gatelink Processor Gatelink Processor** F16. 3 Acknowledge Operating System Construction Operating System UDP/IP Reception Network Network Layer Layer Routing UDP/IP Packet 92 28 Uncompression Compression Segmentation Reassembly Application Encryption Decryption Application Layer Layer Processor DFDAU Storage 22 Stored File Stored (File 25 . Eni 28 26

F1G. 4

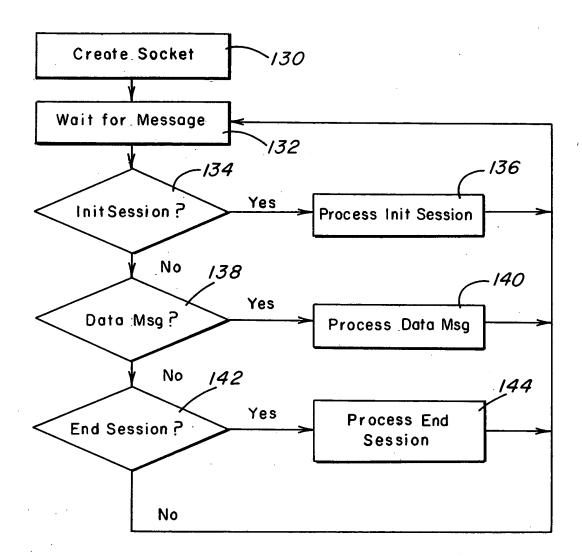




F/G. 6



F1G. 7



F1G. 8

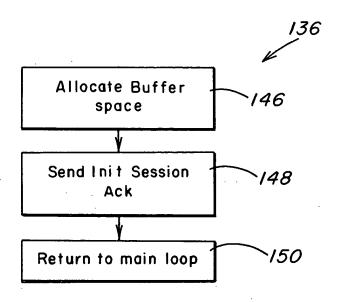
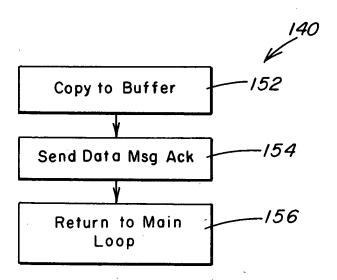


FIG. 9



F1G. 10

